

STN
10567938

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(FILE 'HOME' ENTERED AT 23:19:36 ON 15 OCT 2009)

FILE 'CAPLUS' ENTERED AT 23:20:02 ON 15 OCT 2009

L1 145 S MEPE
L2 16 S ASARM
L3 147 S L1 OR L2
L4 0 S MATRIX EXTRACELLULAR PHOSPHOGLYCOPROTEIN
L5 262 S PHOSPHOGLYCOPROTEIN
L6 339 S L3 OR L5
L7 60 S L6 AND MINERALIZ?
L8 21 S L7 AND INHIBIT?
L9 1 S L8 AND ECTOPIC
L10 9 S L8 AND L2

=> s L10 and protease
115735 PROTEASE

L11 4 L10 AND PROTEASE

=> d L11 1-4

L11 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:403914 CAPLUS
DN 148:535494
TI Degradation of MEPE, DMP1, and release of SIBLING ASARM
-peptides (Minhibins): ASARM-peptide(s) are directly responsible
for defective mineralization in HYP
AU Martin, Aline; David, Valentin; Laurence, Jennifer S.; Schwarz, Patricia
M.; Lafer, Eileen M.; Hedge, Anne-Marie; Rowe, Peter S. N.
CS The Kidney Institute, Kansas University Medical Center, Kansas City, KS,
66160, USA
SO Endocrinology (2008), 149(4), 1757-1772
CODEN: ENDOAO; ISSN: 0013-7227
PB Endocrine Society
DT Journal
LA English
OSC.G 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)
RE.CNT 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:947265 CAPLUS
DN 146:493400
TI Correction of the mineralization defect in hyp mice treated with
protease inhibitors CA074 and pepstatin
AU Rowe, Peter S. N.; Matsumoto, Naoko; Jo, Oak D.; Shih, Remi N. J.;
Oconnor, Jeannine; Roudier, Martine P.; Bain, Steve; Liu, Shiguang;
Harrison, Jody; Yanagawa, Norimoto
CS Department of Internal Medicine, The Kidney Institute and Division of
Nephrology, University of Kansas Medical Center, Kansas City, KS, 66160,
USA
SO Bone (San Diego, CA, United States) (2006), 39(4), 773-786
CODEN: BONEDL; ISSN: 8756-3282
PB Elsevier
DT Journal
LA English
OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
RE.CNT 88 THERE ARE 88 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:48390 CAPLUS
 DN 143:42142
 TI Surface plasmon resonance (SPR) confirms that MEPE binds to PHEX
 via the MEPE-ASARM motif: a model for impaired
 mineralization in X-linked rickets (HYP)
 AU Rowe, Peter S. N.; Garrett, Ian R.; Schwarz, Patricia M.; Carnes, David
 L.; Lafer, Eileen M.; Mundy, Gregory R.; Gutierrez, Gloria E.
 CS Department of Periodontics, University of Texas Health Science Center at
 San Antonio, San Antonio, TX, 78229, USA
 SO Bone (San Diego, CA, United States) (2005), 36(1), 33-46
 CODEN: BONEDL; ISSN: 8756-3282
 PB Elsevier
 DT Journal
 LA English
 OSC.G 37 THERE ARE 37 CAPLUS RECORDS THAT CITE THIS RECORD (37 CITINGS)
 RE.CNT 99 THERE ARE 99 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2004:111508 CAPLUS
 DN 140:372486
 TI MEPE has the properties of an osteoblastic phosphatonin and
 minhibin
 AU Rowe, P. S. N.; Kumagai, Y.; Gutierrez, G.; Garrett, I. R.; Blacher, R.;
 Rosen, D.; Cundy, J.; Navvab, S.; Chen, D.; Drezner, M. K.; Quarles, L.
 D.; Mundy, G. R.
 CS Department of Periodontics, University of Texas Health Science Center at
 San Antonio, San Antonio, TX, 78229, USA
 SO Bone (San Diego, CA, United States) (2004), 34(2), 303-319
 CODEN: BONEDL; ISSN: 8756-3282
 PB Elsevier Science
 DT Journal
 LA English
 OSC.G 87 THERE ARE 87 CAPLUS RECORDS THAT CITE THIS RECORD (87 CITINGS)
 RE.CNT 106 THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT